

ATTACHMENT A

The Contractor is not required to have the Engineer present for production testing of ultimate and services butt splice testing. At least one week before testing, the Contractor shall notify the Engineer in writing of the date when and the location where the testing of the samples will be performed. The Engineer may be present. If the Engineer is not present, Right of Way Delays will not be considered.

The following is a portion of the SSPs (with titles shown) for reinforcement that shows the corresponding new paragraph.

10-1. REINFORCEMENT

ULTIMATE BUTT SPLICES

General Requirements

Ultimate Butt Splice Test Criteria

Prejob Test Requirements for Ultimate Butt Splices

Production Test Requirements for Ultimate Butt Splices

Production tests shall be performed for all ultimate butt splices used in the work. A production test shall consist of 4 sets of sample splices and control bars removed from each lot of completed splices, except when quality assurance tests are performed.

A lot of ultimate butt splices is defined as 1) 150, or fraction thereof, of the same type of ultimate mechanical butt splices used for each bar size and each bar deformation pattern that is used in the work or 2) 150, or fraction thereof, of ultimate complete joint penetration butt welded splices, or ultimate resistance butt welded splices for each bar size used in the work. If different diameters of hoop reinforcement are shown on the plans, separate lots shall be used for each different hoop diameter.

After all splices in a lot have been completed and the bars have been epoxy-coated, the QCM shall notify the Engineer in writing that all couplers in this lot conform to the specifications and are ready for testing. The sample splices will either be selected by the Engineer at the job site or a fabrication facility, provided the facility is located within an 80-km radius of the job site.

At the option of the Contractor, sample splices for spiral reinforcement may be either 1) removed from the completed lot, or 2) prepared in the same manner as specified herein for ultimate prejob sample splices and control bars.

After notification has been received, the Engineer will randomly select the 4 sample splices to be removed from the lot and place tamper-proof markings or seals on them. The Contractor or QCM shall select the adjacent control bar for each sample splice bar, and the Engineer will place tamper-proof markings or seals on them. These ultimate production sample splices and control bars shall be removed by the Contractor, and tested by an independent qualified testing laboratory.

At least one week before testing, the Contractor shall notify the Engineer in writing of the date when and the location where the testing of the samples will be performed.

A sample splice or control bar from any set will be rejected if any tamper-proof marking or seal is disturbed prior to testing.

The 4 sets from each production test shall be securely bundled together and identified with a completed sample identification card.

ATTACHMENT A

Quality Assurance Test Requirements for Ultimate Butt Splices

SERVICE BUTT SPLICES

General Requirements

Service Butt Splice Test Criteria

Prejob Test Requirements for Service Butt Splices

Production Test Requirements for Service Butt Splices

Production tests shall be performed by the Contractor's independent laboratory for all service butt splices used in the work. Unless otherwise specified, a production test shall consist of 4 sample splices prepared for each lot of completed splices. The samples shall be prepared by the Contractor in the same manner as specified herein for service prejob sample splices, and then tested by the independent laboratory.

At least one week before testing, the Contractor shall notify the Engineer in writing of the date when and the location where the testing of the samples will be performed.

A lot of service butt splices is defined as 1) 150, or fraction thereof, of the same type of service mechanical butt splices used for each bar size and each bar deformation pattern that is used in the work or 2) 150, or fraction thereof, of service complete joint penetration butt welded splices, or service resistance butt welded splices for each bar size used in the work.

The 4 samples from each production test shall be securely bundled together and identified with a completed sample identification card.